

UNIT 1

Types of system software:

① Operating system: It is an important type of system software. An operating system is a system software that controls how computer's hardware works, which means it manages the computer's memory, processes, and all of its hardware and software. Window, Linux, Unix, Android are the example of operating system.

② Device Drivers: Device drivers are tiny programs that enable a computer to communicate with its hardware devices, such as printers, scanners, keyboard etc. Without device drivers, that hardware you connect to your computer will not be working properly. Device manufacturers provide most device drivers.

③ Firmware: It is a type of software that is embedded in a hardware device. It controls the device and performs its essential functions. It is usually stored in Read only memory (ROM), which means it cannot be modified or deleted.

④ Programming Language Translator.

Programming language translators are software that convert code written in one programming language into another programming language. This translator can be helpful when you want to take code written in one language and run it on a machine that only understands another language.

⑤ Utilities: Utilities are software that help maintain and optimize a computer's performance. Examples of utilities software include file managers, virus scanners, and disk defragmenters. Utility software are usually bundled with the operating or can be downloaded from the internet.

